

U.S. Department of Commerce, Patent and Trademark Office				Atty Docket No.		Serial No.	
				AB-1167 US		09/976,324	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Applicant(s)			
(Use several sheets if necessary)				Hiroyoshi Yamaguchi; Eiji Shimizu			
				Filing Date		Group	
				October 12, 2001		3636	
U.S. Patent Documents							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
SCB	AA	3,591,232	07/06/1971	Simon	397	216	
SCB	AB	3,858,930	01/07/1975	Calandra et al.	296	65	
SCB	AC	3,917,031	11/04/1975	Doin et al.	188	1C	
SCB	AD	3,972,561	08/03/1976	Breitschwerdt	297	216	
SCB	AE	4,225,184	09/30/1980	Strowick	297	468	
SCB	AF	4,589,696	05/20/1986	Kanai et al.	297	284	
SCB	AG	4,623,192	11/18/1986	Koide et al.	297	216	
SCB	AH	4,652,049	03/24/1987	Maruyama et al.	297	284	
SCB	AI	4,705,296	11/10/1987	Anderson et al.	280	806	
SCB	AJ	4,767,155	08/30/1988	Kousaka et al.	297	219	
SCB	AK	4,989,705	02/05/1991	Kashio et al.	192	45	
SCB	AL	5,125,472	06/30/1992	Hara	180	271	
SCB	AM	5,152,552	10/06/1992	Ikegaya	280	806	
SCB	AN	5,186,494	02/16/1993	Shimose	280	806	
SCB	AO	5,282,672	02/01/1994	Borlinghaus	297	468	
SCB	AP	5,288,105	02/22/1994	Ikegaya et al.	280	806	
SCB	AQ	5,340,185	08/23/1994	Vollmer	296	68.1	
SCB	AR	5,374,105	12/20/1994	Kracht et al.	297	216.1	
SCB	AS	5,403,037	04/04/1995	Föhl	280	806	
SCB	AT	5,405,180	04/11/1995	Föhl	297	478	
SCB	AU	5,449,214	09/12/1995	Totani	296	68.1	
SCB	AV	5,451,094	09/19/1995	Templin et al.	297	216.17	
Examiner <i>Sarah C. Bunham</i>		Date Considered <i>11/3/2003</i>					
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.</p>							

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U.S. Patent Documents							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
SCB	AW	5,485,970	01/23/1996	Steffens, Jr.	242	374	
SCB	AX	5,490,706	02/13/1996	Totani	296	68.1	
SCB	AY	5,556,160	09/17/1996	Mikami	297	216.1	
SCB	AZ	5,647,628	07/15/1997	Pires et al.	296	68.1	
SCB	BA	5,647,635	07/15/1997	Aumond et al.	297	284.11	
SCB	BB	5,695,031	12/09/1997	Kurita et al.	192	45	
SCB	BC	5,695,242	12/09/97	Brantman et al.	297	216.1	
SCB	BD	5,908,219	06/01/1999	Böhmler	297	216.1	
SCB	BE	5,941,355	08/24/1999	Iga	192	45	
SCB	BF	5,984,357	11/16/1999	Yasuda et al.	280	806	
SCB	BG	6,113,145	09/05/2000	Evans	280	806	
SCB	BH	6,113,185	09/05/00	Yamaguchi et al.	297	216.1	
SCB	BI	6,131,951	10/17/2000	Chicken et al.	280	806	
SCB	BJ	6,164,700	12/26/2000	Masuda et al.	280	806	
	BK						
	BL						
	BM						
	BN						

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
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Examiner <i>Sarah C. Buncham</i>	Date Considered <i>11/3/2003</i>
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Foreign Patent Documents									
								Translation	
		Document	Date	Country	Class	Subclass	Yes	No	
SCB	BP	DE19707998	09/17/98	Germany			Abstract		
SCB	BQ	GB2330334	04/21/99	United Kingdom			X		
SCB	BR	GB2337726	12/01/99	United Kingdom			X		
SCB	BS	GB2342076	04/05/00	United Kingdom			X		
SCB	BT	2-149328	12/19/90	Japan				X	
SCB	BU	EP0306299	03/08/89	Europe			X		
SCB	BV	EP0455859	11/13/91	Europe			Abstract		
SCB	BW	EP0965479	12/22/99	Europe			X		
SCB	BX	DE3841688	06/21/90	Germany			Abstract		
SCB	BY	DE4423957	01/11/96	Germany			Abstract		
SCB	BZ	07081466	03/28/1995	Japan			Abstract		
SCB	CA	4-93222	08/13/92	Japan				X	
SCB	CB	2001-180409	07/03/2001	Japan			Abstract		
SCB	CC	2000-264114	09/26/2000	Japan			Abstract		
SCB	CD	2000-272446	06/23/2000	Japan			Abstract		
SCB	CE	58-53525	03/30/1983	Japan			Abstract		
SCB	CF	3-61440	06/17/1991	Japan				X	
SCB	CG	3-227745	10/08/91	Japan			Abstract		
SCB	CH	3-121947	12/12/91	Japan				X	
SCB	CI	5-229378	09/07/93	Japan			Abstract		
SCB	CJ	7-309205	11/28/1995	Japan			Abstract		
SCB	CK	10-181529	07/07/1998	Japan			Abstract		
Examiner <i>Larrah C. Bumban</i>				Date Considered <i>11/3/2003</i>					
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